

Part 2: Organizing, presenting and Analyzing Data:

Table #1

MASS	FORCE	SPEED (meters/sec)
5 Kg	10 N	2 m/s
10 Kg	10 N	1 m/s
15 Kg	10 N	.66 m/s
20 Kg	10 N	.5 m/s

Here you will see some data showing the relationship between Mass, Force, and Speed (acceleration)

Table #2

FORCE	MASS	SPEED (meters/sec)
5 N	10 Kg	.5 m/s
10 N	10 Kg	1 m/s
20 N	10 Kg	2 m/s

Explain why this information could be helpful when you think about the variables that you can manipulate when designing your car. Be specific about how your plan might change based on this information:

When we look at this Data then we found out that if the mass stays the same and there is more force than the speed will increase. If the force stays the same and the mass changes than the less mass the faster it will go.

Good job explaining the relationships between force, mass & speed, but be specific about which table you are referencing & how it will help the design of your car.